AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTI	RACT ID CODE	PAGE OF PAGES	
AMENDMENT OF SOCICITATION/MODIFICATION OF CONTRACT			J	1 3		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE I	REQ. NO.	5. PROJEC	T NO.(If applicable)	
0003	23-May-2002	W16ROE-2046-6819				
6. ISSUED BY CODI	E DACW51	7. ADMINISTERED BY (If oth	ner than item	6) COD:	Е	
USA ENGINEER DISTRICT, NEW YORK ATTN: CENAN-CT ROOM 1843 26 FEDERAL PLAZA (DACW51) NEW YORK NY 10278-0090		See Item 6				
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		nd Zip Code)	X 9A. AMENDMENT OF SOLICITATION NO. DACA51-02-R-0008			
		>	9B. DATE 16-Apr-20	D (SEE ITEN 02	111)	
			10A. MOD. OF CONTRACT/ORDER NO.			
CODE	FACILITY CODE		10B. DAT	ED (SEE ITI	EM 13)	
11. THI	•	S TO AMENDMENTS OF SOLICI	TATIONS			
X The above numbered solicitation is amended as set forth in l	tem 14. The hour and date spec	rified for receipt of Offer	is extended,	is not e	extended.	
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of (a) By completing Items 8 and 15, and returning				the offer submit MENT TO BE IN m or letter,	ted;	
12. ACCOUNTING AND APPROPRIATION DATA	(If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A.THIS CHANGE ORDER IS ISSUED PURSUA CONTRACT ORDER NO. IN ITEM 10A.	NT TO: (Specify authority	ty) THE CHANGES SET FORTH	IN ITEM 14 A	ARE MADE I	N THE	
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
C.THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUA	NT TO AUTHORITY OF:				
D.OTHER (Specify type of modification and auth	nority)					
E. IMPORTANT: Contractor is not, is required to sign this document and return copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this amendment is to incorporate the two pages of contractor questions that were inadvertently left out of Amendment 2 and to change the house date specified for receipt of proposals from 30 May 2002 11:00 AM to 04 June 2002 11:00 AM. All other terms remain unchanged as a result of this amendment.						
NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one fo the following methods: in the space provided on the SF1442, by separate letter, or by telegram, or by signing block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR14.304).						
Except as provided herein, all terms and conditions of the docum						
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		OFFICER (T	ype or print)			
15B. CONTRACTOR/OFFEROR 1		6B. UNITED STATES OF AMERI	CA		16C. DATE SIGNED	
(Signature of person authorized to sign)		(Signature of Contracting Office	cer)		23-May-2002	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

Changes in Solicitation/Contract/Order Form

The issued by organization contact has been deleted.

The required performance has changed from Design and Construction of Aviation Brigade Vehicle Maintenance Facility at Fort Drum, New York

This project is

unrestricted and open to all prospective bidders.

NAICS Code: 233320.

Contract

Specialist: Alan P. Link, (212) 264-4863.

Technical Manager: Liliana Jutting,

(212) 264-4671.

All work shall be in accordance with the drawings and specifications or instructions attached within. to Design and Construction of Aviation Brigade Vehicle Maintenance Facility at Fort Drum, New York

This project

is unrestricted and open to all prospective bidders.

NAICS Code: 233320.

Contract Specialist: Alan P. Link, (212) 264-4863.

Technical Man

AMENDMENT NO. 3 AVIATION BRIGADE VEHICLE MAINTENANCE FACILITY May 23, 2002 U. S. ARMY CORPS OF ENGINEERS NEW YORK DISTRICT DACA51-02-R-0008

TO BIDDERS:

- 1: INCLUDED IN THIS AMENDMENT ARE TWO PAGES OF CONTRACTOR QUESTIONS THAT WERE INADVERTENTLY LEFT OUT OF AMENDMENT 2.
- 2: PROPOSAL DUE DATED HAS BEEN CHANGED TO 4 JUNE 2002 AT 1100.

SPECIFICATIONS

1. <u>SECTION 01010 - DESIGN REQUIREMENTS</u>

Page 47, paragraph "7.5.1 DESIGN OBJECTIVES AND PROVISIONS"

Add the following sentence to the end of the first paragraph of subparagraph 7.5.1.2. to read:

"Terminate two-hour rated enclosure at its entrance into the mechanic attic."

Add the following sentence to the end of the fifth paragraph of subparagraph 7.5.1.2. to read:

"Locate a carbon dioxide sensor at inlet of each air handling unit."

Page 70, article "8.3 INTERIOR ELECTRICAL"

In subparagraph 8.3.2.1, change "calculated demand" to read "connected" in the first sentence.

Page 80, article "9.3 ADMINSTRATION AREA"

Change subparagraph 9.3.4, 1. b. to read:

b. Provide receptacles on dedicated circuits to one fax machine, one copier, and one printer. Coordinate location during final design.

END OF AMENDMENT 3

DACA51-02-R-0008

EMPLOYEE NAME:

AVIATION BRIGADE VEHICLE MAINTENANCE FACILITY

COMPANY NAME: ATKINS BENHAM CONSTRUCTORS

1/ Paragraph 7.1.5.2 of Section 01010 requires CO2 override of the economizer system controlled by a "CO2 gas detection and control system." Is it acceptable to use one representative space per system to monitor CO2 in, or are monitors required in every occupied space? One representative space per system is acceptable 2/ Paragraph 7.1.5.2 of Section 01010 requires that interior refrigerant piping be concealed in 2-hour rated enclosures. Can refrigerant piping be routed exposed in the circulation area of the vehicle maintenance bays up to the attic space, and then be routed exposed in the attic which is vented to the outside? If the 2-hour enclosure is required, where is it to be terminated in the attic with respect to isolation valves, filter-driers, connection to the AHU, etc.? Provide 2-hour enclosure as a paragraph 7.1.5.2 of Section 01010, page 49, requires a return air/exhaust fan on air handling systems. If system calculations show this fan is not needed due to low pressure loss in the return air path, will this fan still be required? Can a relief air fan be used in lieu of a return air fan? No, provide system specified. 4/ Paragraph 7.1.5.2 of Section 01010, page 47, requires the use of fan-powered VAV boxes in conditioned spaces. We would not normally use fan-powered boxes on such small systems with limited plenum areas. In addition, these boxes are	~ e
more expensive, require 277V electrical connections and present noise problems in the occupied space. Is it acceptable to use standard VAV boxes in lieu of fan-powered boxes, Boxes would have minimum settings and the AHU supply air temp could be reset to avoid over cooling of low load spaces.	
Trootae Lan, powered nones	
5/ Regarding the vehicle exhaust system: as specified.	
What is the largest size of tailpipe to be connected to? See it st provided by addendum. Are there any additional vehicle specifications available for what will be serviced in the bays? Available on web. Is any type of automatic release system required for the hoses and adapters? See Spec Section 15940	
6/ Is an automatic seismic shutoff valve required for the natural gas system? Yes, if required by code.	
7/ Is there a minimum number of circuits required for the radiant floor heating system? les; minimum of one for each wheeled wether we hide baye. 1.) Do we have the option of using a top running bridge crane? Section indicates underhung, spec appears to be open to interpretation. Could offer alternate. Reason being is top running offers higher hook HT. Thus lower building HT is possible. Should discuss WIA-B. No, under hung is required.	
2.) Are interior columns acceptable at first floor to support the attic? If not attic will have to be clear span 62' joists which will be deep, thus a problem with ceiling clearance. Yes, Confront Option	~1
3.) We will assume that lower floor corridor masonry partitions will be load bearing for second floor? Contractor Optio	, ,,
4) Plane of the second of the	_
5.5° Foundations for storage buildings - Not frost protected? Yes, foundations are slab-on-grade for storage buildings - Not frost protected? Yes, foundations are slab-on-grade for storage buildings	•
6.) Drwg #s A40 and A41 refer to metal roofing with "slip spect and metal detailing. So this saz process and system on top of the purlins with no insulation? Contractors option as long as specifications and system on top of the purlins with no insulation? Contractors option as some terms of the compliance.	
7.) Stab design for vehicles - need list of types and weights of vehicles for structural and wear surface, (By A-18). List of vehicles serviced by this factivity is provided. Please call with any questions. by addendum. Refer to Section 01010-65	7.7
Please call with any questions. by addendum. Reter to Section Civil and	, _
Thankyou. For Inve loads	

NO.318 **7**009 **@**1006

05/15/2002 18:02 FAX 518 432 0279

TURNER CONSTRUCTION

Request for Information

Aviation Brigade Vehicle Maintenauce Facility Fort Drum, New York

May 15, 2002

Turner/CHA/HSMM

Fire Protection

1. No questions at this time.

TURNER CONSTRUCTION

Request for Information

Aviation Brigade Vehicle Maintenance Facility Fort Drum, New York

May 15, 2002

Turner/CHA/HSMM

3. Section 01010, Paragraph 7.1.5.20.1 Direct Digital Controls: The DDC system for the new buildings are to be "completely compatible" with the existing base Trane Tracer Summit EMCS. Some control manufacturers of former proprietary DDC control systems, including Trane, have had some difficulty over the years in fully integrating their systems into an open protocol format such as BACNET. Please in the open protocol "completely compatible" with the existing Trane system. Please provide a description of the existing Tracer Summit software including dates installed, model type, generation of last updated versions.

See response to #4 below.

- 4. Section 01010, Paragraph 7.1.5.20.1 Direct Digital Controls: Is the Trane Tracer Summit to be considered the preferred and sole vender for DDC controls on this project? Yes
- 5. Section 01010, Paragraph 7.2.3.2. and Paragraph 7.2.3.4 Domestic Water Heating Systems/ Industrial Water System seem to indicate that domestic cold water is to be supplied to the Industrial Water System only. Is domestic hot water to be supplied also? Cold water for Industrial water system. Hot water not required for Industrial water system

Are there any emergency shower/eyewash facilities required? See Section 01010 - 7.2.3.11

Electrical

1. 8.2.5 (page 69) requires the service conductors to be sized for 150% of the CONNECTED plus future load of the building 8.3.2.1 (page 70) requires the service entrance conductors to be sized for 150% of the CONNECTED DEMAND load. Are the feeders, transformers, and service equipment to be sized at 150% of the connected load or 150% of the connected demand load? Size per connected load.

2. RFP Section 01010, Page 98, 9.17.3 (2) (a) Please clarify what is wanted. This appears to require a quad receptacle powered by 15 M of SO cord on a reel. Does from this conflict with 9,17.3 (2) (b)? Provide quad receptacle powered from Panel. Cord is on reel to be plugged into receptacle.

3. RFP Section 01010, Page 80, 9.3.4 (1) (b) The Mechanical section 7.1.4.1 (2)(e)(1-3) provides electrical load information for computers, printers, and copiers, but does not mention fax machines. Please provide numbers of fax machines, connected load, and where located.

7.1.4.1 is for sizing cooling system only. 9.3.4(1)(b) is for Admin Area equipment. One fax, one copier, and one printer per office area. Coordinate location during final design. final design-